

## DECLARATION

As the below-named inventors, we declare that:

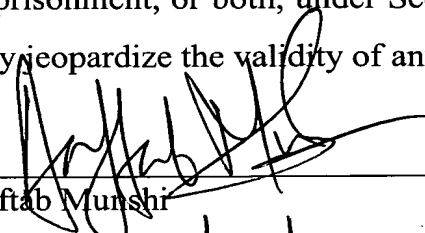
Our residences, post office addresses, and citizenships are as stated below under our names.

We believe we are the original, first, and joint inventors of the invention entitled "APPARATUS AND METHOD FOR GRADIENT MAPPING IN A GRAPHICS PROCESSING SYSTEM," which is described and claimed in the foregoing specification and for which a patent is sought.

We have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to herein (if any).

We acknowledge our duty to disclose information of which we are aware which is material to patentability and examination of this application in accordance with 37 C.F.R. § 1.56(a).

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of any patent issuing from this patent application.

  
\_\_\_\_\_  
Aaftab Munshi

Date

05/24/00

Residence

:

City of Los Gatos, County of Santa Carla

State of California

Citizenship

:

United States of America

P.O. Address

:

17300 Laurel Road  
Los Gatos, California 95033

05269789 "01101"

Colin Sharp

Date 12/12/06

Residence : City of SAN JOSE, County of SANTA CLARA  
1578 THEODORE State of CA 95131

Citizenship : United States of America

P.O. Address :

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Aaftab Munshi and Colin Sharp      Attorney Docket No.: 500497.01  
Filed : Concurrently herewith  
Title : APPARATUS AND METHOD FOR GRADIENT MAPPING IN A GRAPHICS PROCESSING  
SYSTEM

Box Patent Application  
Commissioner of Patents  
Washington, DC 20231

**ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73(b) AND POWER OF ATTORNEY**

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints EDWARD W. BULCHIS, Reg. No. 26,847; PAUL T. MEIKLEJOHN, Reg. No. 26,569; GLENN P. RICKARDS, Reg. No. 29,428; DALE C. BARR, Reg. No. 40,498; KIMTON N. ENG, Reg. No. 43,605; BRIAN C. PARK, Reg. No. 45,519; MARK W. ROBERTS, Reg. No. 46,160; STEVEN H. ARTERBERRY, Reg. No. 46,314; PAUL F. RUSYN, Reg. No. 42,118; JOHN P. LUTHER, Reg. No. 32,261; JON F. TUTTLE, Reg. No. 25,713; DAVID E. BOONE, Reg. No. 27,857; SCOTT W. DOYLE, Reg. No. 39,176; REED R. HEIMBECHER, Reg. No. 36,353; JOHN T. KENNEDY, Reg. No. 42,717; GARY M. POLUMBUS, Reg. No. 25,364; THOMAS H. YOUNG, Reg. No. 25,796; W. ROBINSON H. CLARK, Reg. No. 41,530; JOHN K. HARROP, Reg. No. 41,817; CHRIS McWHINNEY, Reg. No. 42,875; ALDO NOTO, Reg. No. 35,628; MATTHEW PHILLIPS, Reg. No. 43,403; JOHN W. RYAN, Reg. No. 33,771; AMI P. SHAH, Reg. No. 42,143; SEAN S. WOODEN, Reg. No. 43,997; MICHAEL C. GILCHRIST, Reg. No. 40,619; BRIAN J. LAURENZO, Reg. No. 34,207; SHANE COLEMAN, Reg. No. 44,623; RONALD J. BROWN, Reg. No. 29,016; DAVID E. BRUHN, Reg.

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No. 36,762; DAVID N. FRONEK, Reg. No. 25,678; JOSEPH F. HAAG, Reg. No. 42,612; STUART R. HEMPHILL, Reg. No. 28,084; GRANT A. JOHNSON, Reg. No. 42,696; KENNETH E. LEVITT, Reg. No. 39,747; NIALA A. MACLEOD, Reg. No. 41,963; SCOTT A. MARKS, Reg. No. 44,902; DEVAN V. PADMANABHAN, Reg. No. 38,262; GERALD H. SULLIVAN, Reg. No. 37,243; of the firm of DORSEY & WHITNEY LLP, along with MICHAEL L. LYNCH, Reg. No. 30,871; WALTER D. FIELDS, Reg. No. 37,130; CHARLES B. BRANTLEY, II, Reg. No. 38,086; KEVIN D. MARTIN, Reg. No. 37,882; and DAVID J. PAUL, Reg. No. 34,692, of MICRON TECHNOLOGY, INC., 8000 South Federal Way, Boise, Idaho 83716-9632, as its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to **Kimton N. Eng** at (206) 903-8800 and telecopies to (206) 903-8820.

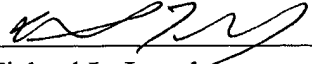
Please direct all communications to:

Kimton N. Eng, Esq.  
Dorsey & Whitney LLP  
1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101  
(206) 903-8800

Pursuant to 37 C.F.R. § 3.73(b), the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to MICRON TECHNOLOGY, INC., filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

MICRON TECHNOLOGY, INC.  
ASSIGNEE

DATE

  
Michael L. Lynch  
Chief Patent Counsel

Enclosure:

Copy of Assignment

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
 Aaftab Munshi and Colin Sharp ) Docket No. 500497.01  
 Filed: Concurrently herewith ) Disclosure No. 99-0922  
 For: APPARATUS AND METHOD FOR )  
 GRADIENT MAPPING IN A )  
 GRAPHICS PROCESSING SYSTEM )

## ASSIGNMENT:

☒ Enclosed for recording  
☐ Previously recorded  
 Date: \_\_\_\_\_  
 Reel: \_\_\_\_\_

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:


SELL, ASSIGN AND TRANSFER to **Micron Technology, Inc.** (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83706-9632, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled, **"APPARATUS AND METHOD FOR GRADIENT MAPPING IN A GRAPHICS PROCESSING SYSTEM"**; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

0959789 68465460

**UNITED STATES DEPARTMENT OF JUSTICE**


  
Aaftab Munshi

Date: 5/24/00

~~ORIN~~

County of Santa Clara

SEAL

 EDWARD HERMANN  
Commission # 1182616  
Notary Public - California  
Santa Clara County  
My Comm. Expires Jun 1, 2002

Colin Sharp

Date: 12/12/00

STATE OF CALIFORNIA )

) ss.

County of Santa Clara )

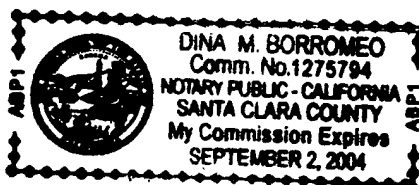
BEFORE ME, this 12 day of December, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

(Dina M. Borromeo)  
Notary or Consular Officer

My Commission Expires September 02 2004

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